Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 10 Jul 2023 until 23:59 on Tuesday 11 Jul 2023

Forecast Issued on Monday 10 Jul 2023 at 04:41

Confidence: High confidence for unsettled conditions through the period, but lower confidence in precipitation detail.

Headline for Monday 10 Jul 2023: Showers developing with a spell of rain, heavy in places, in the afternoon and evening.

Mountain weather hazards on Monday 10 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy Rain	Heavy Rain	Heavy rain showers	Heavy rain showers (night)
Precipitation probability					
10%	30%	70%	80%	80%	60%

Forecast for Monday 10 Jul 2023

Weather: A dry start with some sunny spells, however showers will develop from mid-morning. A more persistent spell of rain, turning heavy and perhaps thundery at times, is expected during the afternoon, continuing well into the evening.

Chance of cloud-free hill tops above 600m: 70%.

Low Cloud and visibility: Any overnight patches of summit cloud soon dispersing then cloud comfortably above summits during the morning, however cloud lowers towards 500m in heavier rain during the afternoon and evening. Visibility generally good at first but becoming poor in rain and showers later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 10 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 S	13/17 S	16/22 SW	14/20 S	17/24 S	19/29 SW	17/25 SW
300	3/8 SE	8/14 S	10/18 S	9/18 S	10/22 S	12/27 SW	10/23 SW
Valley	3/13 S	7/14 S	9/18 S	7/17 S	9/23 S	9/23 SW	8/21 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	11/9	14/11	13/10	13/10	12/8	11/8
300	12/11	14/13	17/15	15/13	15/14	14/12	13/11
Valley	14/14	16/15	18/17	16/16	16/15	15/14	14/13
Freezing Level*	2100m	2100m	2400m	2600m	2600m	2300m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good conditions early on will deteriorate into the afternoon and evening as a spell of wet weather develops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 10 Jul 2023	5.6mm	18.2mm	18.2mm

Forecast for Tuesday 11 Jul 2023

Weather: Further heavy and thundery showers will quickly develop through Tuesday morning, with risk continuing through the day into the evening. Some bright or sunny spells possible between showers.

Maximum wind: Southwest 20 mph gust 30 mph.

Chance of cloud-free hill tops above 600m: 30% at first, improving to 90% by afternoon but with brief deteriorations in heavy showers. .

Low Cloud and visibility: Areas of cloud above 500m at first, giving some poor visibilities across summits at times, but these should soon lift above summits by the afternoon. Some brief patches likely to redevelop across the highest summits in heavy afternoon showers, otherwise visibilities generally good outside of showers.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 20 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Above summits.

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